

*AMENDMENTS TO THE SPECIFICATION*

Replace paragraph [0002] with:

This invention pertains to a hydrodynamic mixing conduit apparatus with no moving parts, generally known in the industry as a static mixer. This invention expands the functionality of static mixers by providing for the mixing and transporting of abrasive materials, e.g., sand, gravel, etc., at high concentrations (~~above 70 wt. %~~), at reduced velocities, without creating the risk of plugging the conduit, while minimizing the destructive effect of the abrasive materials on the conduit itself.

Replace paragraph [0107] with:

Primary Froth. Rising to the surface, aerated oil globules form a froth (13), on average containing 60-70% oil, 6-10% solids and 20-30% water, which overflows into launders and is pumped to froth treatment facilities. An Undulating Conduit Hydrodynamic Mixer (W) may be a suitable apparatus for washing the froth. Froth washing gently shears and stretches conglomerated droplets of aerated bitumen that have trapped solids and water in the interstices between the clumped droplets. The gentle low-shear scrubbing action of fluid motion inside the undulating conduit (W) liberates the trapped solids and water in the froth without creating an emulsion and moving solids towards and close to walls of the conduit by centrifugal force, to be removed, shortly before discharging a product.

Replace paragraph [0115] with:

Preferred embodiments of this invention are described herein, including the best mode known to the inventor[[s]] for carrying out the invention. Variations of those preferred embodiments may become apparent to those of ordinary skill in the art upon reading the foregoing description. The inventor[[s]] expect skilled artisans to employ such variations as appropriate, and the inventor[[s]] intend for the invention to be practiced otherwise than as specifically described herein. Accordingly, this invention includes all modifications and equivalents of the subject matter recited in the claims appended hereto as permitted by applicable law. Moreover, any combination of the above-described elements in all possible variations thereof is encompassed by the invention unless otherwise indicated herein or otherwise clearly contradicted by context.